



Patent  
Attorney Docket No. 030681-521

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of  
Won-bong Choi et al.

Application No.: 10/601,872

Filing Date: June 24, 2003

Title: CARBON NANOTUBES FOR FUEL CELLS, METHOD FOR MANUFACTURING THE SAME, AND  
FUEL CELL USING THE SAME

Group Art Unit: 1745

Examiner:

Confirmation No.: 1325

SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a SECOND Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

No additional fee for submission of an IDS is required.

The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.

A statement under 37 C.F.R. § 1.97(e) is also enclosed.

A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.

Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.

A check in the amount of \_\_\_\_\_ is enclosed for the fee due.

Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By

  
Charles F. Wieland III

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Date: Dec. 23, 2004



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Won Bong CHOI et al. ) Group Art Unit: 1745  
Application No.: 10/601,872 ) Examiner:  
Filed: June 24, 2003 ) Confirmation No.: 1325  
For: CARBON NANOTUBES FOR FUEL )  
CELLS, METHOD FOR )  
MANUFACTURING THE SAME, AND )  
FUEL CELL USING THE SAME )

**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

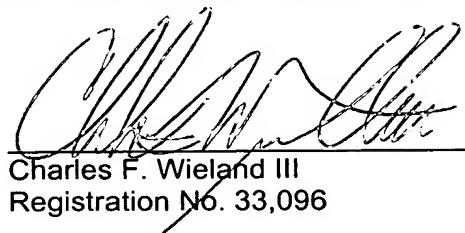
To assist the Examiner, the document(s) is/are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date Dec. 23, 2004

By:

  
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Substitute for form 1449A/PTO & 1449B/PTO				<i>Complete if Known</i>	
<b>SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <small>(use as many sheets as necessary)</small>				Application Number	10/601,872
				Filing Date	June 24, 2003
				First Named Inventor	Won-bong Choi et al.
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	030681-521

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*Bo Gan et al., "Branching Carbon Nanotubes Deposited in HFCVD System", Diamond and Related Materials 9 (2000) pp. 897-900, Elsevier Science S.A.
	*O. SMILJANIC et al., "Growth of Carbon Nanotubes on Ohmically Heated Carbon Paper", Chemical Physics Letters, Vol. 342, Nos. 5 & 6, July 20, 2001, pp. 503-509
	*Z.F. REN, "An Insight Into Carbon Nanotube Production", Sample Journal, September/October 2001, Vol. 37, No. 5, pp. 64-67
	*Japanese Patent Office Action dated August 3, 2004 with English translation.

\* Copy Attached

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.